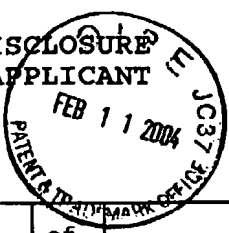


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Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  			Application Number	10/089,972	
			Filing Date	April 8, 2002	
			First Named Inventor	Masatake OKUMURA	
			Group Art Unit	1724	
			Examiner Name	Robert J. Popovics	
Sheet	1	of	1	Attorney Docket Number	02224/HG

**U.S. PATENT DOCUMENTS**

Exam. Inits <sup>1</sup>	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

**FOREIGN PATENT DOCUMENTS**

Exam Inits <sup>1</sup>	Cite No <sup>1</sup>	Offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
RSP		JP	08-144075	A	Mitsubishi Electric	06-04-1996		*
RSP		PCT	WO 98/39110	A1	H.E.A.R.C. Products	09-11-1998		
RSP		JP	2002-501426	A		01-15-2002		**

\*English Language Abstract

\*\*Family Member of WO 98/39110

Examiner Signature

**ROBERT J. POPOVICS**  
**PRIMARY EXAMINER**

*(RSP)*

Date Considered

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

DATE MAILED: February 11, 2004